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(74) Agent: PRITZKER, Randy, J.; Wolf, Greenfield &  
Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210  
(US).

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(71) Applicant: SENSITECH INC. [US/US]; 800 Cummings  
Center, Suite 258X, Beverly, MA 01915 (US).

(72) Inventors: SCHMIDTBERG, Rupert, A.; 18 Village  
View Road, Westford, MA 01886 (US). SCHULTZ, Eric,  
B.; 47B Sheffield Road, Boxford, MA 01921 (US).

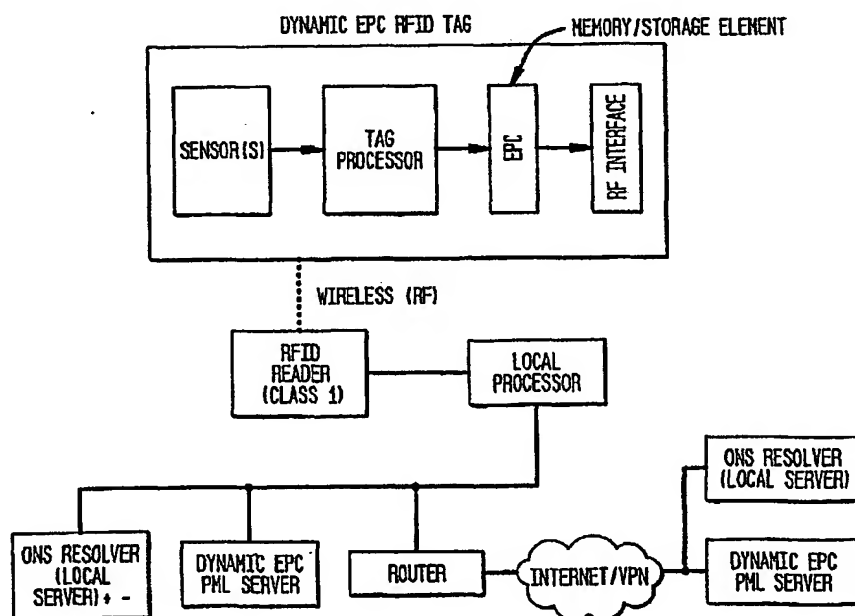
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(54) Title: RF IDENTIFICATION READER FOR COMMUNICATING CONDITION INFORMATION ASSOCIATED WITH THE READER



(57) Abstract: A radio frequency identification (RFID) system comprises an RFID tag and an RFID reader that communicates with the tag and a processor. A dynamic electronic product code (EPC) is associated with the reader. The dynamic EPC includes at least one portion that is variable.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/35457

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G08B 21/00, 13/14, 19/00; H04Q 05/22; G06F 07/00, 17/00, 17/60  
US CL : 340/679, 572.1, 10.1, 5.92; 235/376, 385; 707/104.1

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 340/679, 572.1, 10.1, 5.92; 235/376, 385; 707/104.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,732,401 A (CONWAY) 24 March 1998 (24.03.1998), see elements 50 and 52 of Figs. 1-4.	1-5
Y	US 4,827,395 A (ANDERS et al.) 02 May 1989 (02.05.1989), see "code unit" of Fig. 7 and col. 11.	1-5
Y	US 2002/0153411 A1 (WAN et al.) 24 October 2002 (24.10.2002), see paragraph [0036].	1-5
X, P	US 2003/0144985 A1 (EBERT) 31 July 2003 (31.07.2003), see Fig. 2.	1
Y, P		2-5
X, P	US 2003/0158857 A1 (WENG et al.) 21 August 2003, (21.08.2003), see Fig. 4A.	1
Y, P		2-5
X, P	US 2003/0216969 A1 (BAUER et al.) 20 November 2003 (20.11.2003), see Fig. 3 and paragraphs [0173] to [0180].	1
Y, P		2-5

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

Benjamin C. Lee

Telephone No. (703) 305-8576

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P — Y,P	US 2003/0173403 A1 (VOLGER) 18 September 2003 (18.09.2003), see Fig. 4.	<u>1</u> 2-5
X,P — Y,P	US 2003/0132854 A1 (SWAN et al.) 17 July 2003 (17.07.2003), see paragraphs [0008] and [0110].	<u>1</u> 2-5
A	US 2002/0116274 A1 (HIND et al.) 22 August 2002 (22.08.2002), see Fig. 4A and paragraphs [0013] and [0014].	1-5
A	US 6,294,997 A (PARATORE et al.) 25 September 2001 (25.09.2001), see Fig. 4 and Abstract.	1-5
A	US 5,499,017 A (BEIGEL) 21 March 1996 (12.03.1996), see Abstract and Fig. 1.	1-5
A	US 4,688,026 A (SCRIBNER et al.) 18 August 1987 (18.08.1987), see Abstract and Figs. 1 & 8.	1-5